

Requested Patent EP0938878A3

Title: WIRE REINFORCED VASCULAR PROSTHESIS ;

Abstracted Patent EP0938878 ;

Publication Date: 1999-09-01 ;

Inventor(s):

LUND SIGNE (US); RAKOS RONALD (US); TOMONTO CHARLES (US) ;

Applicant(s): CORDIS CORP (US) ;

Application Number: EP19990301335 19990224 ;

Priority Number(s): US19980030408 19980225 ;

IPC Classification: A61F2/06 ;

Equivalents: AU1730899, JP11285537, US6015432

ABSTRACT:

What is described herein is an endovascular tube or bifurcated prosthesis used for the repair of aneurysms or other vessel disease. This can be soft or hard occlusive disease. This prosthesis is constructed by fabricating a structure that consists of a textile or other polymeric material and through which is threaded a superelastic metal wire such as a nitinol, a ductile wire or other filament material. The textile can be a polymeric material. The wire provides the self-expandability of the current device. Ideally, the thickness of the device should be minimized, so that it can be delivered to the diseased site using a percutaneous procedure.

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(19) Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) EP 0 938 878 A3

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
15.03.2000 Bulletin 2000/11

(51) Int. Cl.⁷: **A61F 2/06**

(43) Date of publication A2:
01.09.1999 Bulletin 1999/35

(21) Application number: 99301335.8

(22) Date of filing: 24.02.1999

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 25.02.1998 US 30408

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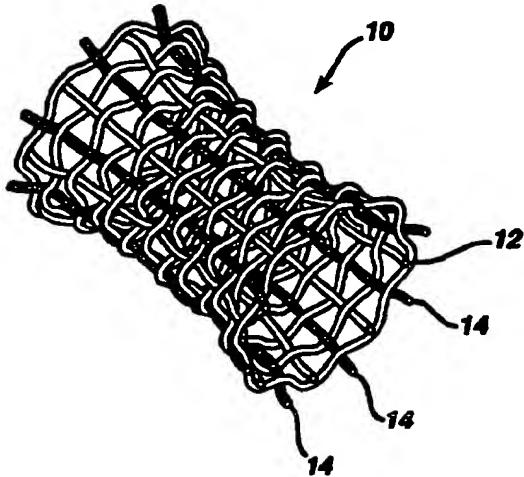
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(54) **Wire reinforced vascular prosthesis**

(57) What is described herein is an endovascular tube or bifurcated prosthesis used for the repair of aneurysms or other vessel disease. This can be soft or hard occlusive disease. This prosthesis is constructed by fabricating a structure that consists of a textile or other polymeric material and through which is threaded a superelastic metal wire such as a nitinol, a ductile wire or other filament material. The textile can be a polymeric material. The wire provides the self-expandability of the current device. Ideally, the thickness of the device should be minimized, so that it can be delivered to the diseased site using a percutaneous procedure.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number

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THE HAGUE	25 January 2000	Mary, C	
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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